

Orion Range Occupancy Detectors

- Microwave Motion Detectors

**GREEN
BROOK**
ELECTRICAL

TECHNICAL DATA SHEET

- + Suitable for LED and energy saving lamps
- + Programmed settings
- + Adjustable Detection Range
Ceiling 360° / Wall 180°
- + Selectable hold time
- + Pre-set ambient light settings
- + Microwave sensor
- + LEDs upto 300W



ODM202
Microwave Motion Detector
- IP20

- + Suitable for LED and energy saving lamps
- + 1-10V Dimmable
- + Adjustable Detection Range
Ceiling 360° / Wall 180°
- + Selectable hold time
- + Adjustable ambient light
- + Microwave sensor
- + LEDs upto 600W



ODM203
Microwave Motion Detector
- IP20

	ODM202	ODM203
Description	Microwave Motion Detector Programmed Settings	Microwave Motion Detector 1-10V Dimmable
Barcode	5012739642760	5012739642777
Rated Voltage	230V ~ 50Hz	230V ~ 50Hz
IP Rating	IP20	IP20
Ambient Light	2 LUX, 5 LUX, 20 LUX, 50 LUX, 2000 LUX (Choice)	2 LUX, 10 LUX, 50 LUX, 2000 LUX (Choice)
Transmission Power	<0.2mW	<0.2mW
Hold Time	5s, 30s, 1min, 5min, 10min, 20min, 30min (choice)	5s, 30s, 1min, 5min, 10min, 20min, 30min (choice)
Rated Load	Max 1200W  Max 300W  /LED	Max 600W   /LED
Detection Range	Ceiling 360°/ Wall 180°	Ceiling 360°/ Wall 180°
Detection Distance	Ceiling = 1- 8M (Radius)adj Wall = 5-15M adj	Ceiling = 1- 8M (Radius)adj Wall = 5-15M adj
Detection Moving Speed	0.6 - 1.5m/s	0.6 - 1.5m/s
Detection Area	10%, 30%, 50%, 75%, 100% (choice)	10%, 50%, 75%, 100% (choice)
Stand By Periods	-	10s, 30s, 1min, 5min, 10min, 30min, +∞, 0S (choice)
Stand-by Dimming Level	-	10%, 20%, 30%, 50% (choice)
HF System	5.8GHz CW Radar, ISM band	5.8GHz CW Radar, ISM band
Power Consumption	0.9W approx	0.9W approx
Installation Height	Wall = 1.5 - 3.5M Ceiling = 2 - 8M	Wall = 1.5 - 3.5M Ceiling = 2 - 8M
Detection Moving Speed	0.6 - 1.5 m/s	0.6 - 1.5 m/s
Product Weight	46g	60g
Dimensions	63.5 x 37 x 25mm	77.7x 45 x 25.5mm
Guarantee	1 Year	
Conforms To	BS EN 60669	

Orion Range - ODM202 & ODM203 Circuit Diagram



ODM202

Microwave Motion Detector



ODM203

**Microwave Motion Detector
1 - 10V Dimmable**

See circuit diagram if you are planning to use two sensors for one circuit.

